

**PROCEDURES FOR THE ANNUAL VERIFICATION OF
CBR ANNULAR AND SLOTTED WEIGHTS
AASHTO T 193**

A. PURPOSE

These procedures are intended to provide instructions for the verification of diameter and weight of CBR annular and slotted weights and the center hole diameter of CBR annular weights.

B. APPARATUS REQUIRED

1. Calipers readable to 0.001 inch (0.025 mm).
2. Balance with 5,000 gram capacity and readable to 1.0 gram.

C. PROCEDURE

1. Measure the diameter of the annular and slotted weights in three (3) different locations to the nearest .001 inch (.025 mm) and record results.
2. Measure the diameter of the center hole of annular weights in two (2) different places approximately 90° from each other and record.
3. Weigh annular and slotted weight to the nearest 1.0 gram and record.

D. TOLERANCE

All annular and slotted weights shall meet the requirements specified in AASHTO T 193.

EQUIPMENT VERIFICATION RECORD

Verified By: _____	Date: _____
Equipment: <u>Annular and Slotted Weights</u>	Location (Lab): _____
Identification No.: _____	Verification Frequency: <u>12 months</u>
Previous Verification Date: _____	Next Due Date: _____
Verification Equipment Used: Calipers (readable to 0.001 in.[.02 mm]), SN: _____	
Balance (5,000 g capacity, readable to 0.1 g), SN: _____	
Verification Procedure: _____	

SURCHARGE WEIGHTS

1	ANNUALR WEIGHTS	RECORD MEASUREMENTS					
	WEIGHT NUMBER						
	Diameter (AASHTO) 5.813 – 5.938 in.(147.6 – 150.8 mm)						
	Center hole approximately 2.125 in. (54.0 mm) diameter?						
		RECORD WEIGHT					
	Weight (AASHTO only): Each weighs 4.90 – 5.10 lb. (2.23 – 2.31 kg)						
2	SLOTTED OR SPLIT WEIGHTS	RECORD MEASUREMENTS OR WEIGHT					
	WEIGHT NUMBER						
	Diameter (AASHTO only) 5.813 – 5.938 in. (147.6 – 150.8 mm)?						
	Weight (AASHTO): Each weighs 4.9 – 5.1 lb. (2.23 – 2.31 kg)						

*Note: (AASHTO ONLY): If split weights, this is the mass of the pair.

3. METAL SPACER DISK

(a) Diameter:

AASHTO: 5.906 – 5.969 in. (150.0 – 151.6 mm) _____

(b) Height

AASHTO: 2.406 – 2.426 in. (61.12 – 61.62 mm) _____